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or templet of any kind. How will that suit you, "Newark," considering we live in old Mississippi?—A SUBSCRIBER.

7. MITRE.—I have known a number of workmen who could cut a mitre at almost any angle, at sight.—OLD FOREMAN.

8. WARDROBE DESIGN.—Ned will find the wardrobe design on plate 24 of the present number, all he asks for.—ED.

9. MOULDING CUTTERS.—Leave your cutters a "dark straw color," though the temper is dependent somewhat on the quality of the steel. Care must be taken that the irons don't "buckle" while tempering.—OGEE.

10. BRIDGING.—"Herring-bone bridging" is far the best, and does not load the floor unnecessarily.—HAMMER.

10. BRIDGING.—Shrinkage of joists renders solid plank bridging useless. And this fault, to a certain extent, also applies to "herring-bone bridging"; but the latter system is the better one, besides being lighter.—DRAW-KNIFE.

11. GLUE.—You must be mistaken; I think it is impossible to make glue from ordinary mica.—CHEMIST.

11. GLUE.—Our correspondent is "mixed." He probably knows that glue can be made of isinglass, which is the popular name for mica; but the isinglass out of which glue is made is a species of gelatine, prepared from the sounds or air-bladders of a species of sturgeon.—[ED.]

11. GLUE.—"Tenn" must be making fun of somebody. Who ever heard of glue being made from mica; who?—INQUIRER.

12. PAINTING.—One hundred yards of priming will take twenty pounds of white lead and four gallons of oil. One hundred yards, three coats, will take one hundred pounds of lead and sixteen gallons of oil. Three-coat work is worth about 23 cents per yard finished. Two-coat work, about 15 cents per yard, and one-coat work, about 8 cents a yard. The price of white lead of like quality varies one or two cents a pound in different places, so it is difficult to fix a price without knowing the locality where it is purchased. Japan driers are probably the best in the market.—DAUBER.

13. FILLING.—A. P. G. can make a good filling for walnut or chestnut by using colored plaster-of-Paris.—HAND-SCREW.

The Supply of Walnut Lumber for Furniture and Ornamental Work.

THERE is a general impression that the supply of walnut is rapidly fading out, and

that we shall soon be required to look for some substantial imitation of the walnut for furniture and ornamental wood-work. This is far from being the case. This city is one of the most important centres for walnut lumber, and, although the demand from every quarter during the past three years has been unprecedented, the supply far exceeds the demand, and walnut lumber was never offered at lower figures than at present. True, the walnut on all old lines of railway is pretty well thinned out, and the price has not been regarded as sufficient inducement to cull it any great distance from railroads.

The three lines of railway which have within the past year or two branched out from this city, pass through forests of this timber, and the Cincinnati Southern Railway alone has been the means of pouring an abundance of the material to supply all home demands, and that at ruinously low figures. One operator, with whom we are acquainted, has lately shipped to this city over 400,000 feet, and much of this was sold at \$18.00 per thousand feet. For this same quality he received four years ago \$40.00.

It is estimated that over 3,000,000 feet of walnut lumber is now lying in this section awaiting shipment as soon as prices will justify. No fears need be entertained that the supply of this valuable wood will fall short of the demand yet for many years to come.—*American Inventor.*

Useful Items for Office and Shop.

A HOME-MADE FLOOR-CLOTH.—An American lady says: "Have any of you a spare bedchamber, seldom used, the floor of which you would like to cover at little expense? Go to the paperhanger's store, and select a paper looking as much like a carpet as you can find. Having taken it home, first paper the floor of your bedroom with brown paper or newspapers. Then, over these, put down your wall paper. A good way to do this will be to put a good coat of paste, the width of the roll of paper, and the length of the room, and then lay down, unrolling and smoothing at the same time. When the floor is all covered, then size and varnish; only glue and common dark varnish need be used, and the floor will look all the better for the darkening these will give it. When it is dry, put down a few rugs by the bedside and before the toilet table, and you have as pretty a floor-cloth as you could wish—a floor-cloth, too, that will last for years, if not exposed to constant wear, and at a trifling expense. I myself used a common room one entire summer prepared in this way—used it constantly; and, when the house was sold in the autumn,

the purchaser asked me to take up the oil-cloth, as he wished to make some alterations that would be sure to injure it."

Kindly Mentioned.

MR. CHARLES D. LAKEY, publisher of the *American Builder*, issues this month the first number of the *ILLUSTRATED WOOD-WORKER*, replete with plans and information of value to all carpenters, house-builders, cabinet-makers, and others who either design or work in wood.—*New York Evening Telegram*.

THE *WOOD-WORKER* is another addition, and a pleasing one, to the class of special journals. It is neat in appearance, carefully edited, its cuts are clear and well defined, and the selection of reading matter shows a clear comprehension of the wants and interests of the wood workers.—*New York Mail*.

THE *ILLUSTRATED WOOD-WORKER* for February is the second issue of a promising little trade journal, published in New York by Charles D. Lakey, and edited by Frederick T. Hodgson. The present number contains original designs for furniture; plans and elevations for two cottages; papers, of a scientific cast, treating of "Practical Carpentry," "Isometric Projection," and "The Sectorian System of Hand-railing;" questions from and answers to correspondents, and various selected items calculated to interest the readers for whom the paper is designed.—*Philadelphia Times*.

THE *ILLUSTRATED WOOD-WORKER* is the title of an interesting and neatly-printed little paper that has just made its appearance, and which, as its title indicates, concerns itself with the interests of workers in wood, a large and important class and one that is just now particularly active in some of its leading branches. It is to be published monthly, at one dollar a year. The illustrations are good, and the different articles are sample, technical, and practical.—*New York Sun*.

THE *ILLUSTRATED WOOD-WORKER*, for joiners, cabinet-makers, stair-builders, carpenters, and car-builders, a new monthly journal, has just been issued by Charles D. Lakey, New York City. It is an excellent journal, containing valuable matter in the interest of wood-workers, and will fill a long-felt want in this line. It is essentially a workman's paper, and published at the popular price of \$1 per year.—*The American Inventor*.

THE reading matter is pertinent and interesting to the house-joiner, the car-joiner, the cabinet-maker, and to mechanics generally.—*Owego Gazette*.

It should be in the hands of every mechanic and artisan. Its information is varied and reliable.—*Lowville Watchman*.

THE *ILLUSTRATED WOOD-WORKER*, a journal intended for the "three hundred thousand workers in wood" who confess the want of a cheap illustrated periodical such as the object is to make this. It will be sent to subscribers of the *Builder* free for the first year, and to others at one dollar. The initial number shows designs for doors, a staircase, bookcase and writing-table, and drawings in practical carpentry which must recommend it to those for whom it is intended.—*Berwick Independent*.

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